

FIG. 1  
PRIOR ART

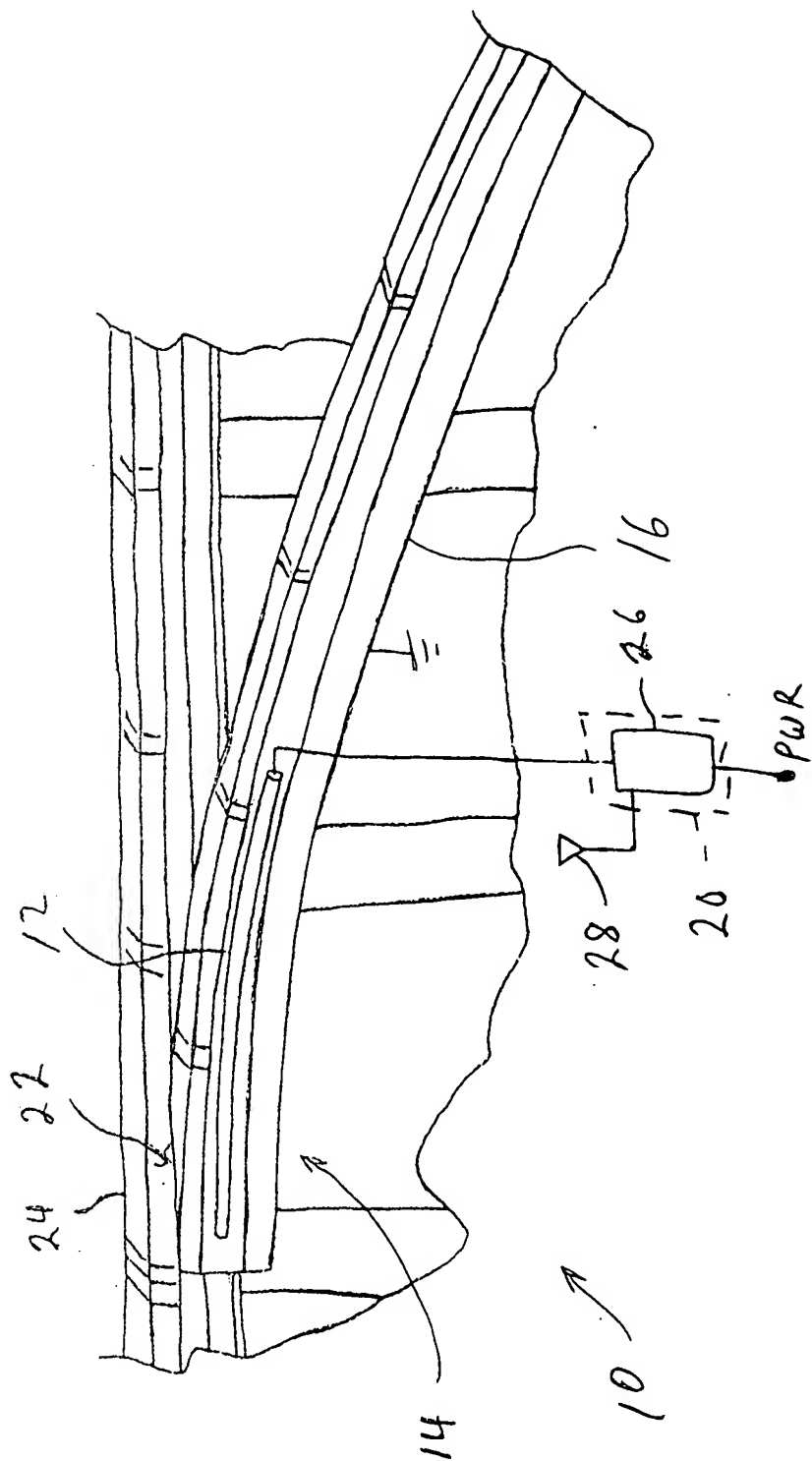


FIG. 2

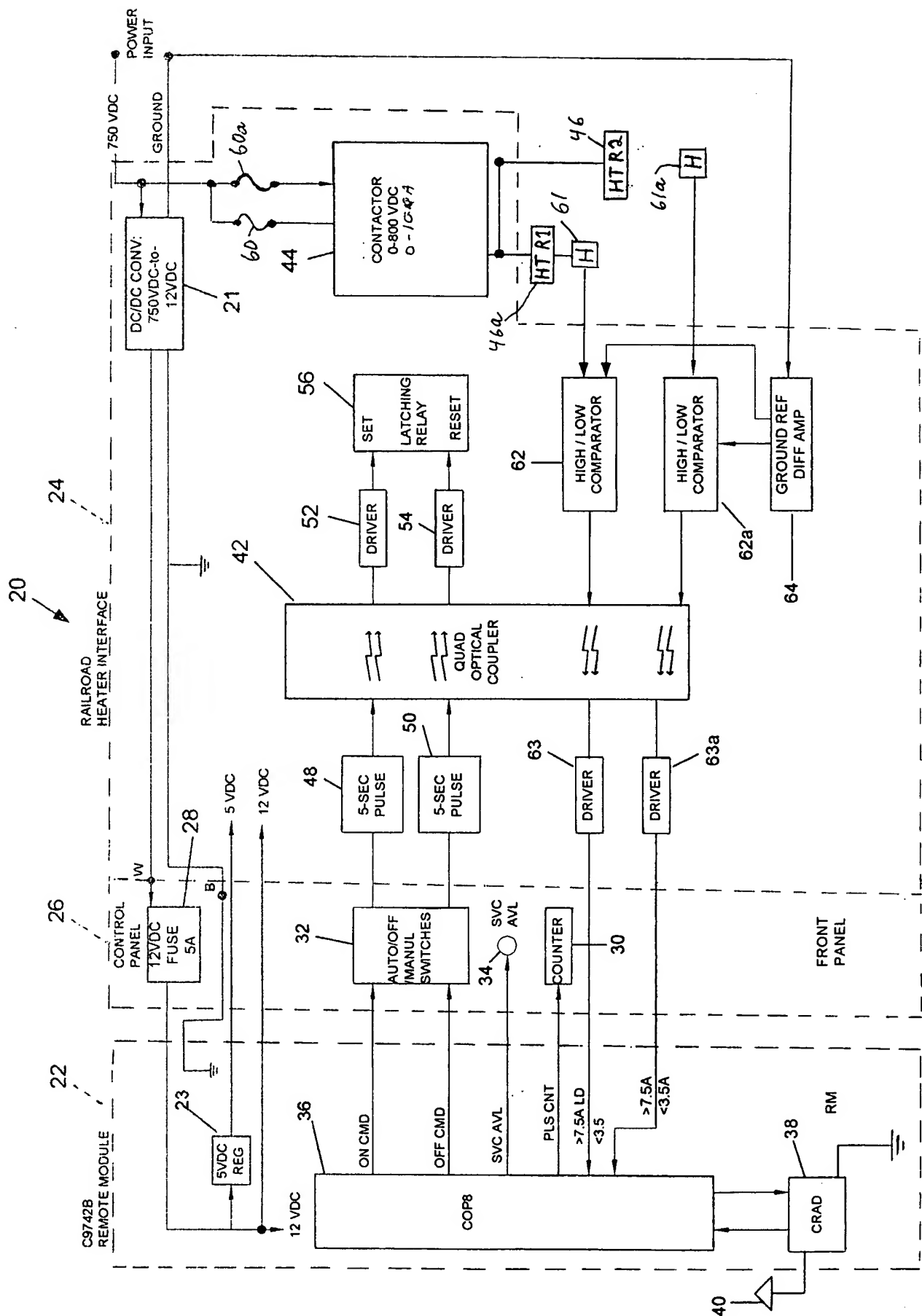


FIG. 3

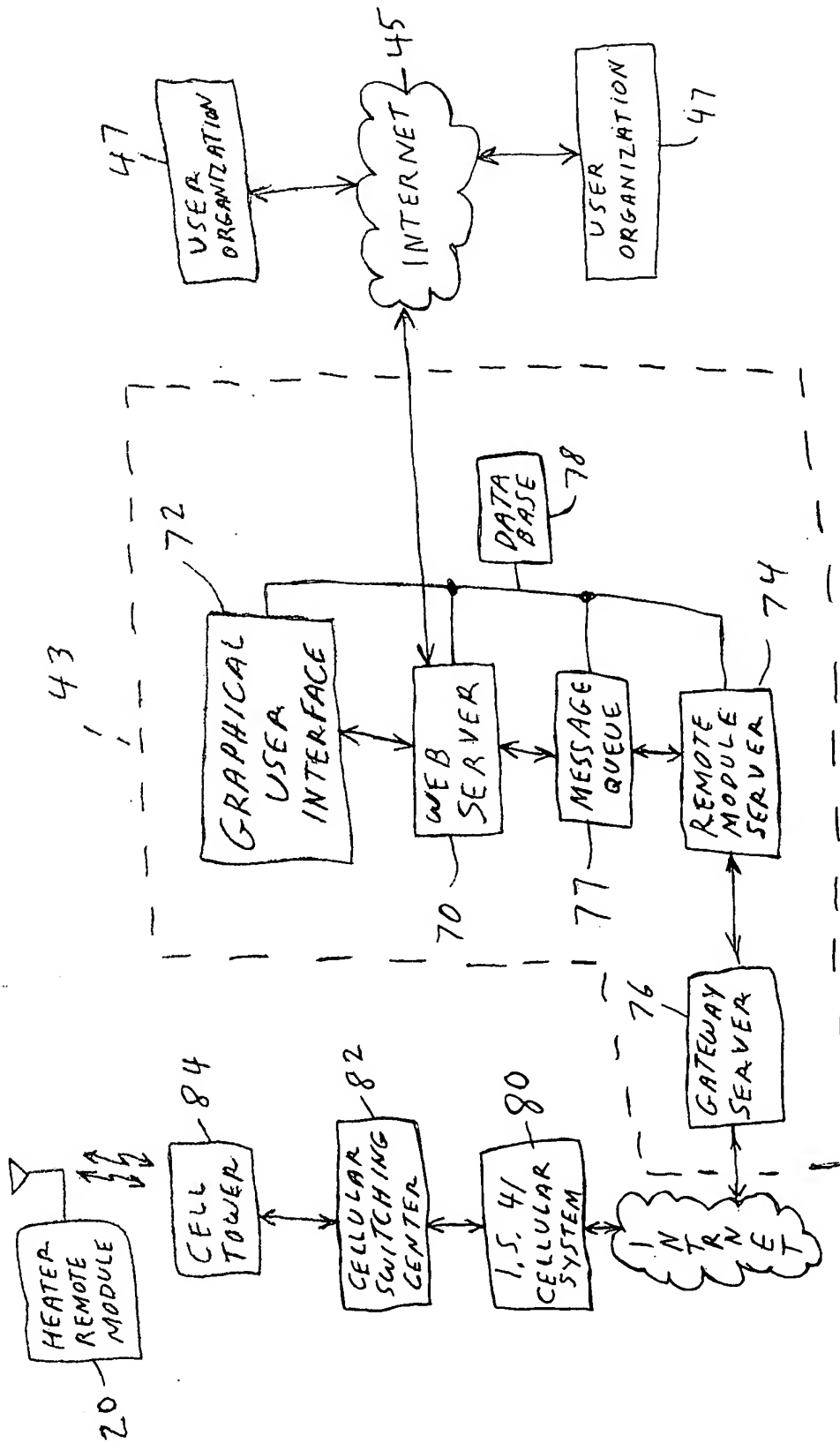
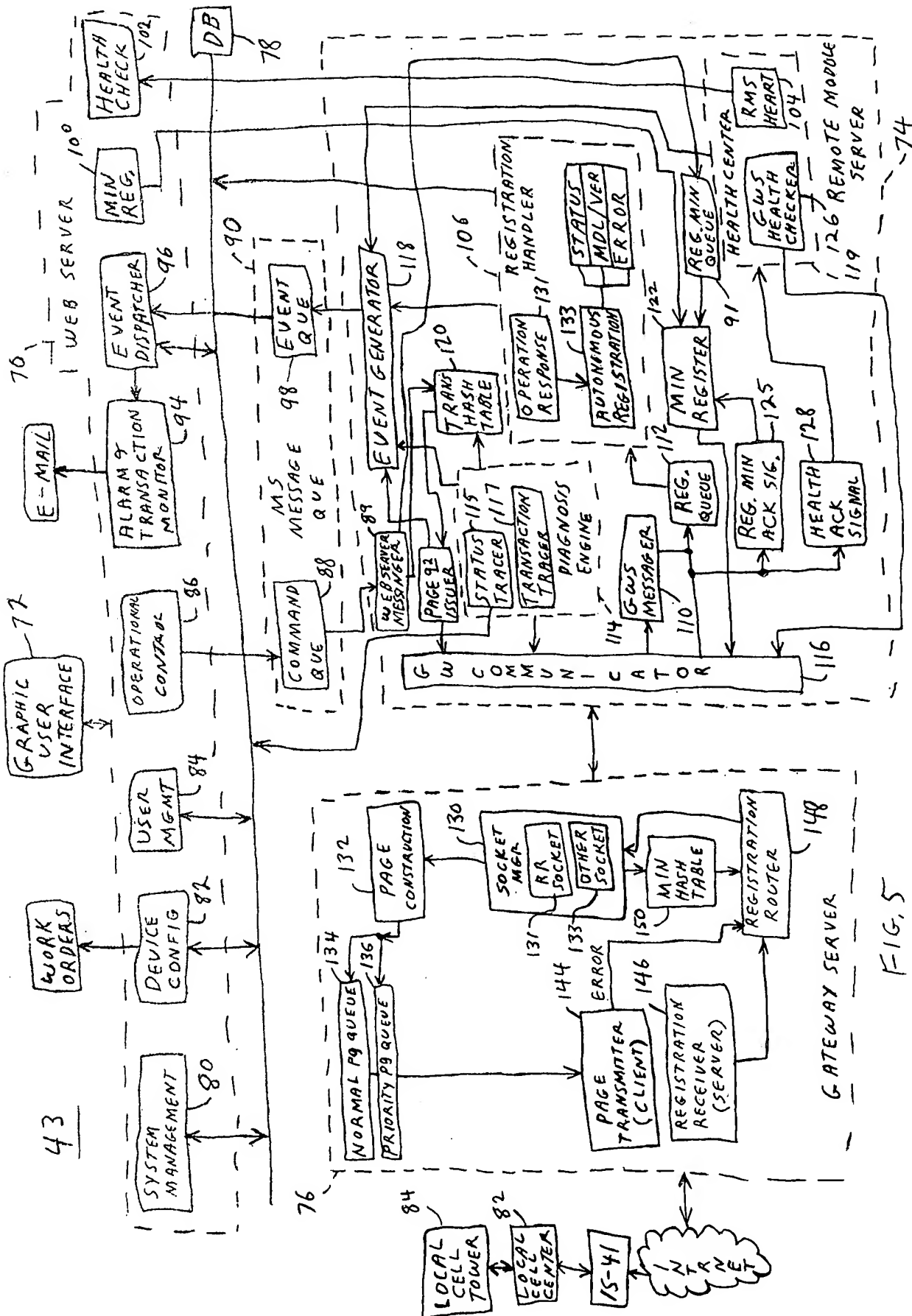


FIG. 4



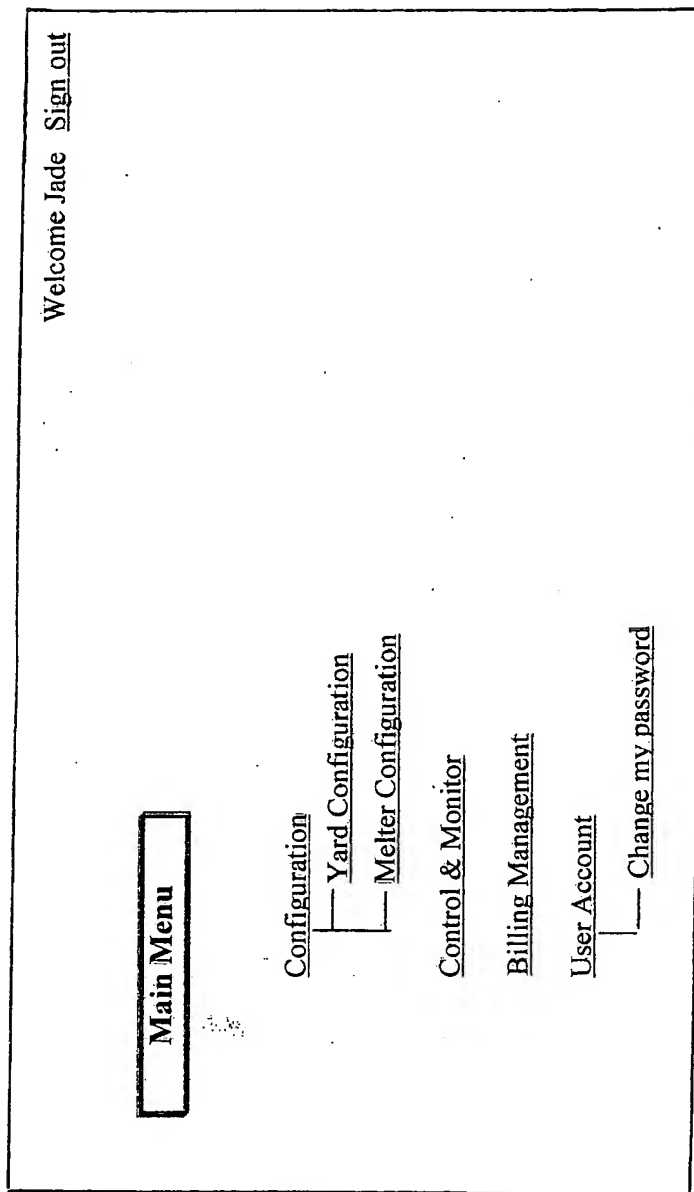


FIG. 6

MAIN MENU

Welcome Jade Sign out

**Yard Configuration**

Check all

	Yard ID	Yard Name	GroupMin #	Location	LocaleID	Melters
Edit	<input type="checkbox"/> 01	35-07844579	139104966	Edision Line 3#	Locale1	Melters Control
Edit	<input type="checkbox"/> 02	35-07844580	139104966	Edision Line 5#	Locale2	Melters Control
Edit	<input type="checkbox"/> 03	35-07844934	139104966	Edision Line 8#	Locale1	Melters Control

**Add Yard**

**Delete Yard**

**FIG. 6a**

MAIN MENU

Welcome Jade [Sign out](#)

Melter Configuration

Yard Name Yard01

Check all

Edit

Edit

Edit

Melter #

Melter Serial #

RM Serial #

Description

Activate

☐ 01

35-07844579

PJ29A4WQ8

Line No.3

Y

☐ 02

35-07844580

QM29A4YFZ

Line No.3

N

☐ 03

35-07844934

4B25A4WOT

Line No.3

Y

Add Melter

Add Melter

FIG. 6b



Add Yard

Yard Name

Group Min #

Location

Emergency E-mail

Locale

Save Yard

SAVE & ADD ANOTHER

Cancel

Main Menu

Welcome Jade Sign out

FIG. 6c

Add Melter

Yard Name

xxxxx

RM Min #

RM Serial #

Melter #

Melter Serial #

Description

Status Setting

Activate

Deactivate

Save Melter

SAVE & ADD ANOTHER

Cancel

Welcome Jade

Sign out

Main Menu

FIG. 6d

**Main Control**

Main Menu  
Welcome Jade   Sign out

Please select Yard:

Yard1  
Yard2  
Yard3  
Yard4

LEGEND

LEGEND



MELTER ON



MELTER OFF



MAJOR FAULT



MINOR FAULT



MANUAL CONTROL



PENDING



NOT IN SERVICE

EXIT

HELP

ONLINE HELP

# REMOTE CONTROL SNOW MELTER (RCSM)

UTILIZING AMBS TECHNOLOGY OVER THE CELLEMETRY NETWORK

200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

MELTER  
STATUS &  
ALARM  
INDICATOR

MELTER  
CONTROL  
BUTTON

ALL MELTERS ON

ALL MELTERS OFF

10-23-27 02/15/2003 RECEIVE MAJOR ERROR "LOW ELECTRICAL CURRENT LEVEL" FROM SW1  
 10-23-27 02/15/2003 SEND "HEATER ON" COMMAND TO SW26  
 10-23-28 02/15/2003 SEND "HEATER ON" COMMAND TO SW26  
 10-23-28 02/15/2003 SEND "HEATER ON" COMMAND TO SW 27  
 10-23-29 02/15/2003 SEND "HEATER ON" COMMAND TO SW28  
 10-23-29 02/15/2003 SEND "HEATER ON" COMMAND TO SW29  
 10-23-29 02/15/2003 SEND "HEATER ON" COMMAND TO SW30  
 10-23-55 02/15/2003 RECEIVE MINOR ERROR "PAGE SEQUENCE BAD" FROM SW19  
 10-24-22 02/15/2003 RECEIVE "HEATER ON SUCCESSFULLY" RESPONSE FROM SW26  
 10-24-29 02/15/2003 RECEIVE "HEATER ON SUCCESSFULLY" RESPONSE FROM SW24  
 10-24-31 02/15/2003 RECEIVE "HEATER ON SUCCESSFULLY" RESPONSE FROM SW25  
 10-24-31 02/15/2003 RECEIVE "HEATER ON SUCCESSFULLY" RESPONSE FROM SW27

RUN TIME STATUS & ALARM  
INFORMATION WINDOW

FIG. 7

202

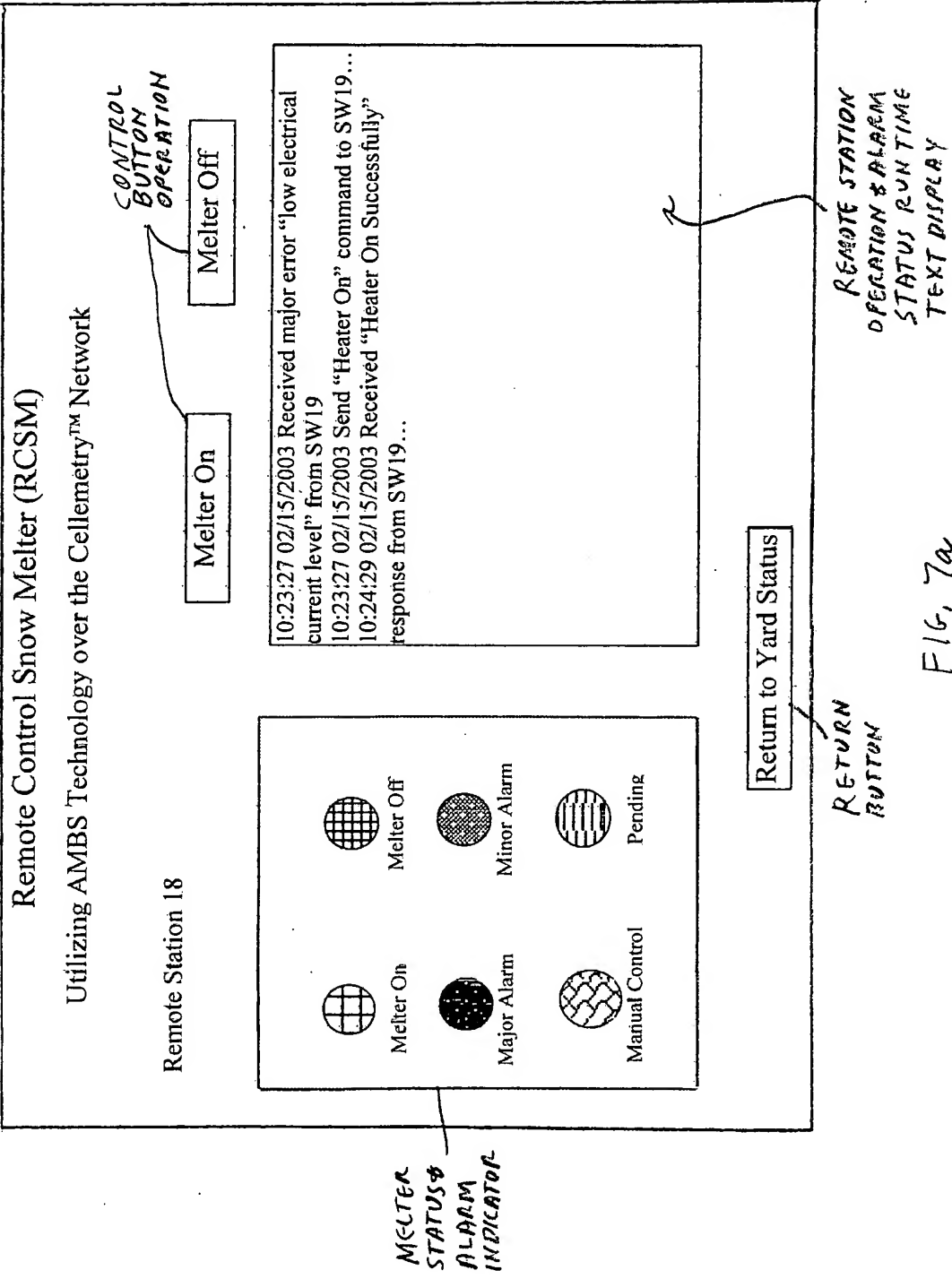


FIG. 7a

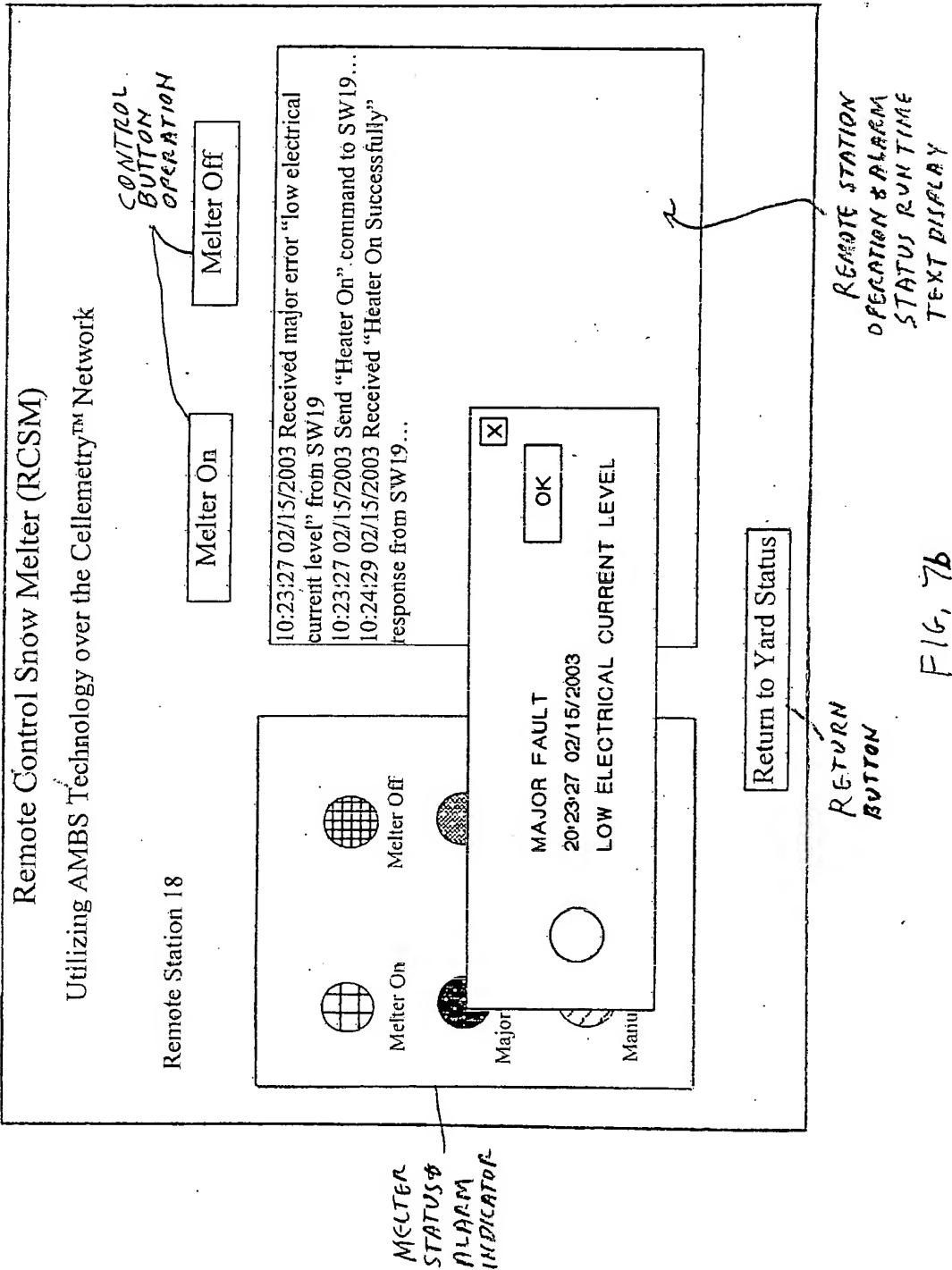


FIG. 7b

Main Menu  
Welcome Jade Sign out

**User Account**

*CHECK ALL*

	User Name	Full Name	Department	Privilege	Phone	Address	Zip/Postal
Edit <input type="checkbox"/>	Tom		NJ Transit	Admin	732-3816298		Y
Edit <input type="checkbox"/>	Mike		NJ Transit	Admin	ADMIN		N
Edit <input type="checkbox"/>	George		NJ Transit	Operator	OPERATOR		Y

Add User Account

Delete User Account

Disable Password

FIG, 7c

<b>User Account</b>		<u>Main User Account Menu</u>	
		<u>Main Menu</u>	
		Welcome Jade <u>Sign out</u>	
User Name <b>FULL NAME</b>	<b>PHONE</b>		
E-mail	Department		
Address		Zip/Postal	
<div>Privilege Setting <input type="radio"/> Administrator    <input checked="" type="radio"/> Operator</div>			
<b>Save Account</b>	<b>Save &amp; Add Another</b>	<b>Cancel</b>	

Fig. 7d



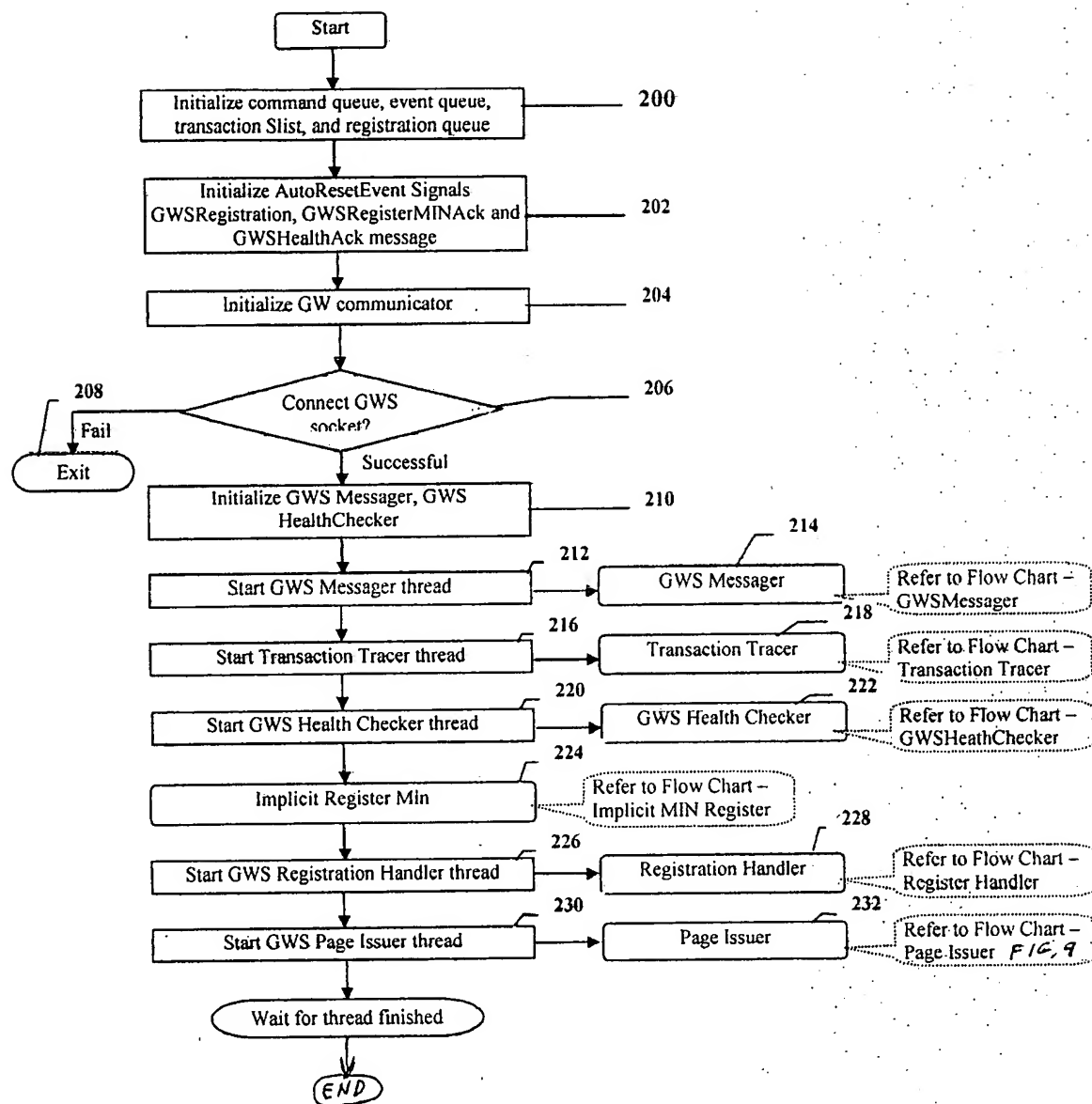


FIG. 8

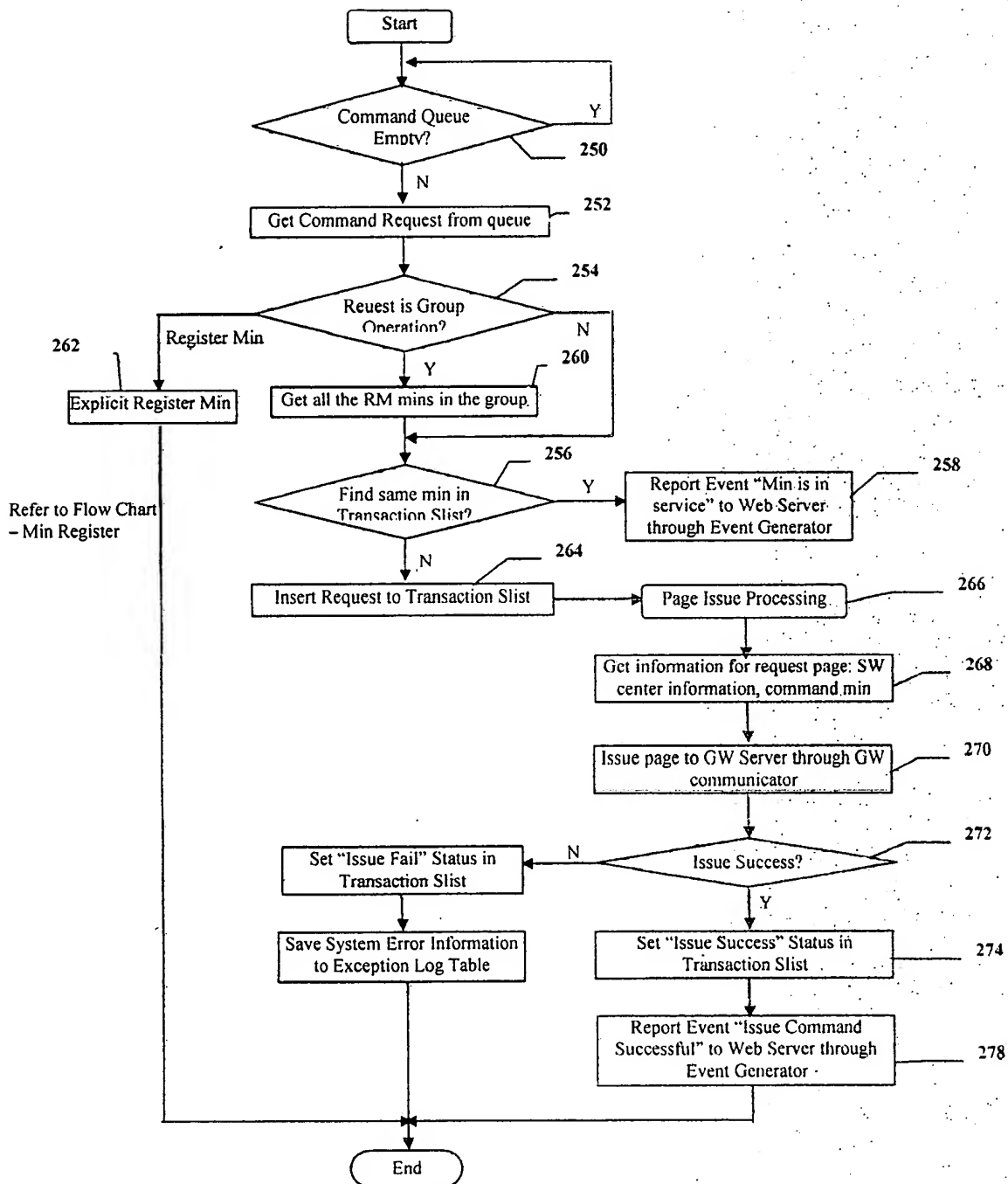


FIG. 9

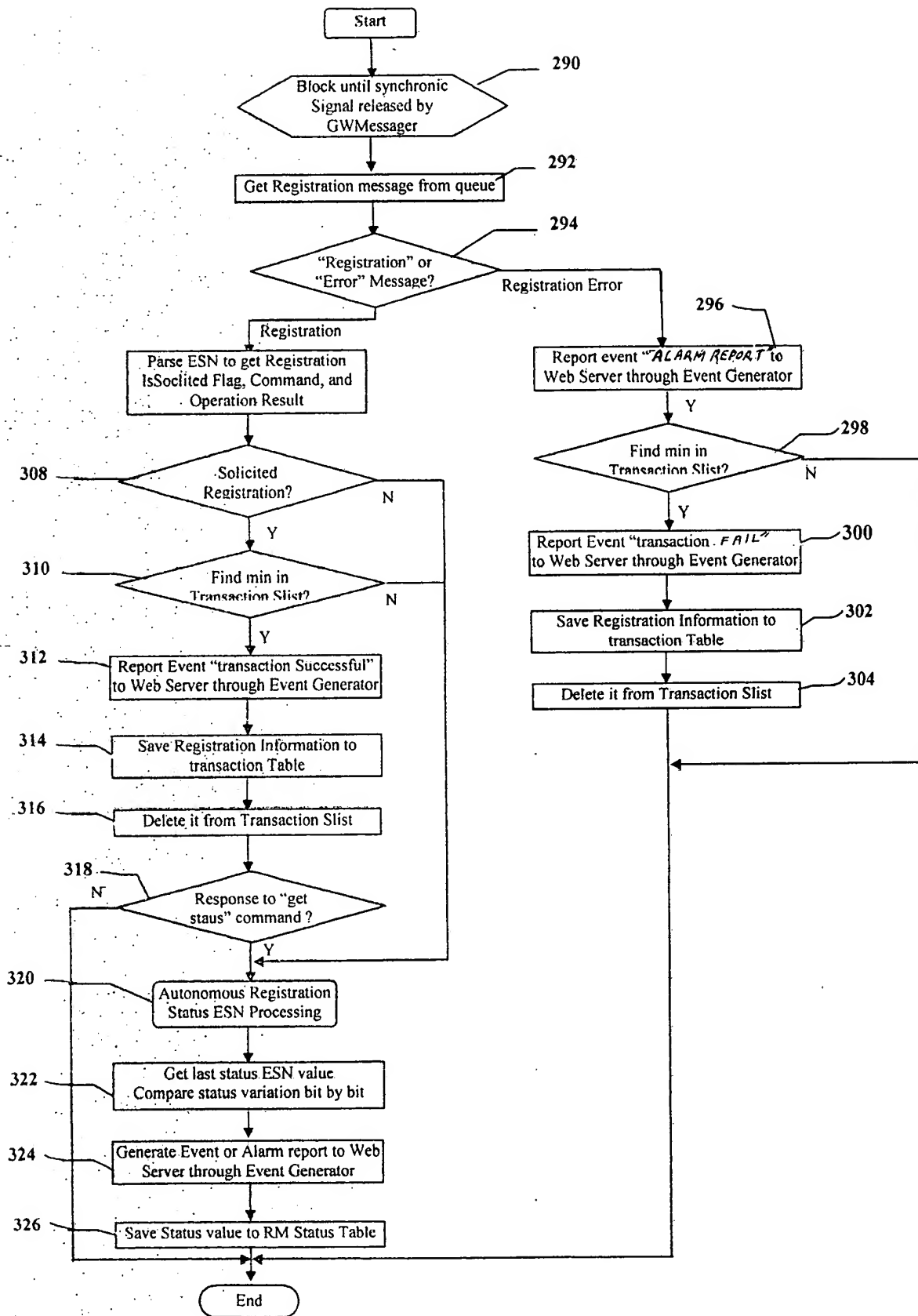
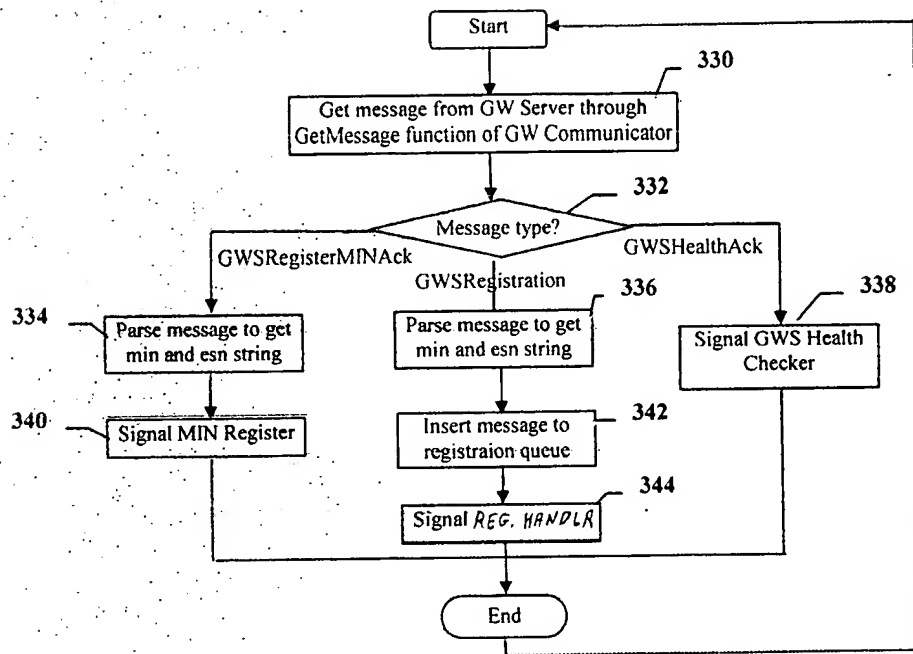


FIG. 9a



**FIG. 9b**

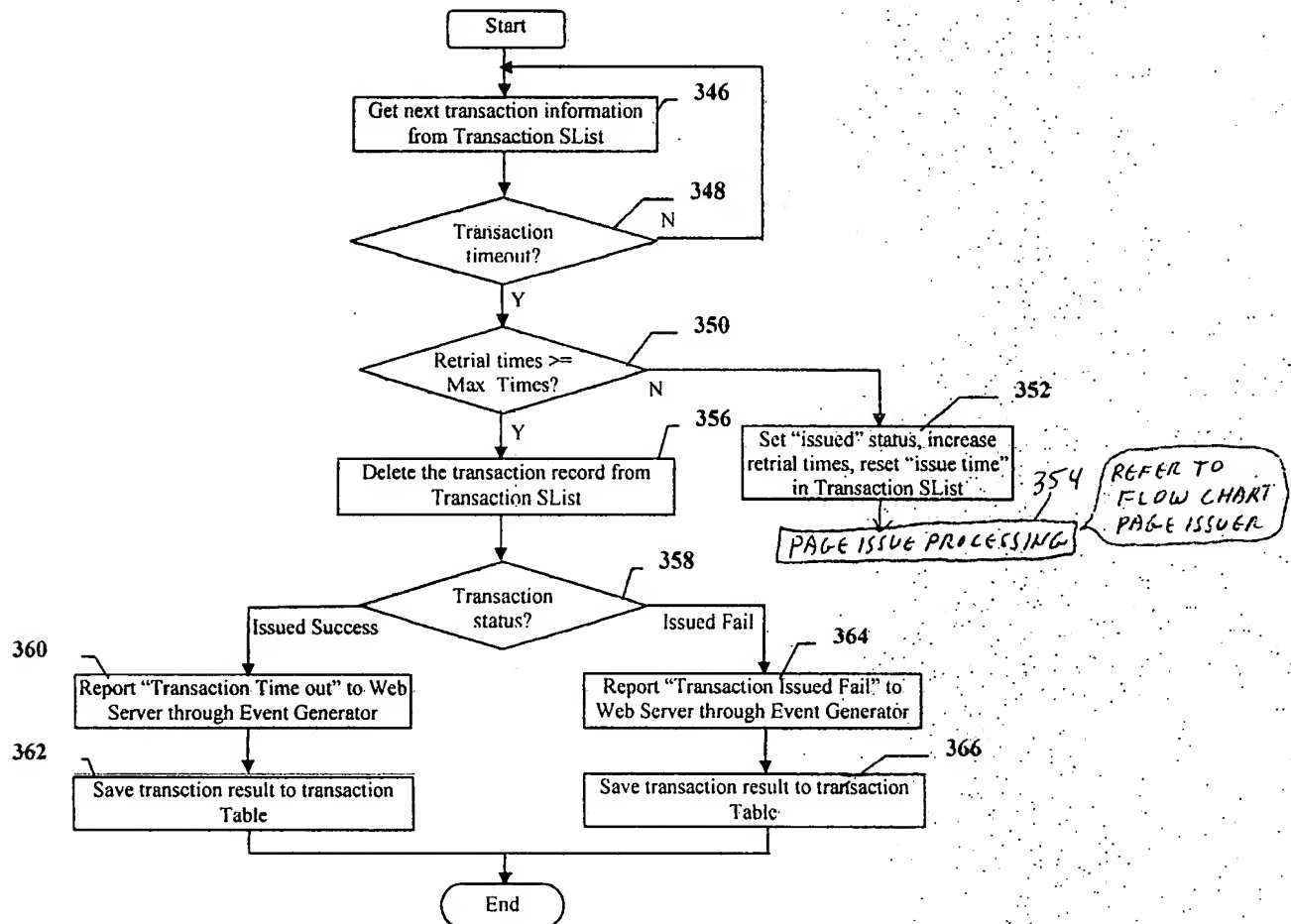


FIG. 9c

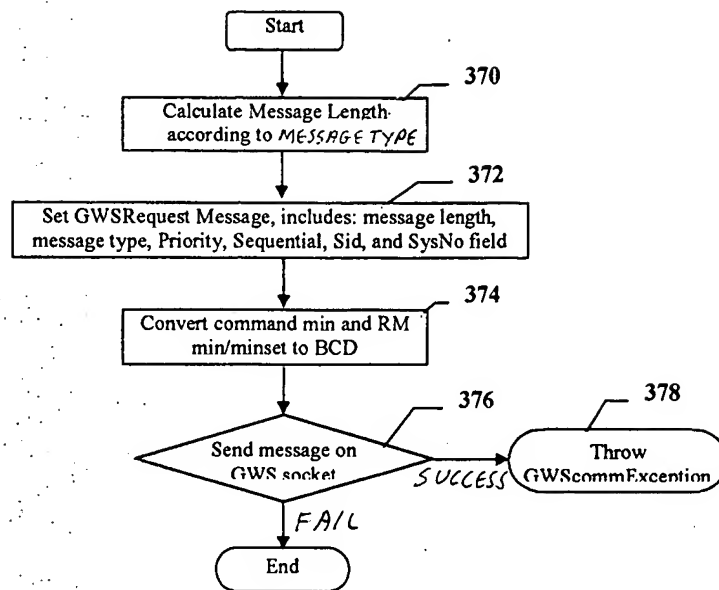


FIG. 9d

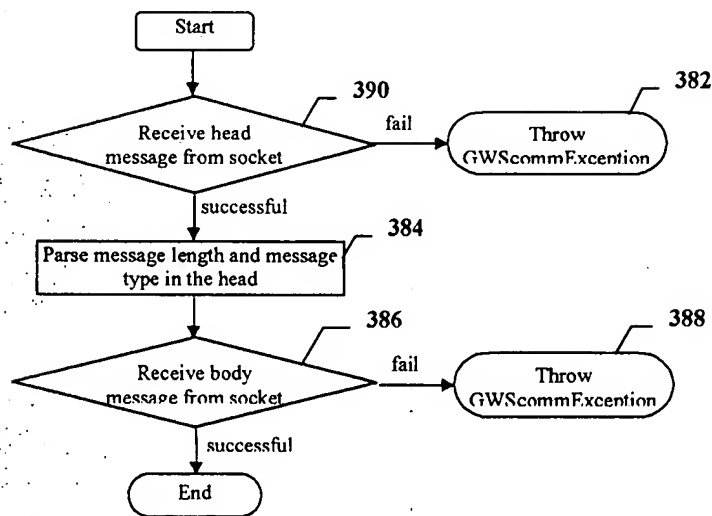


FIG. 9e

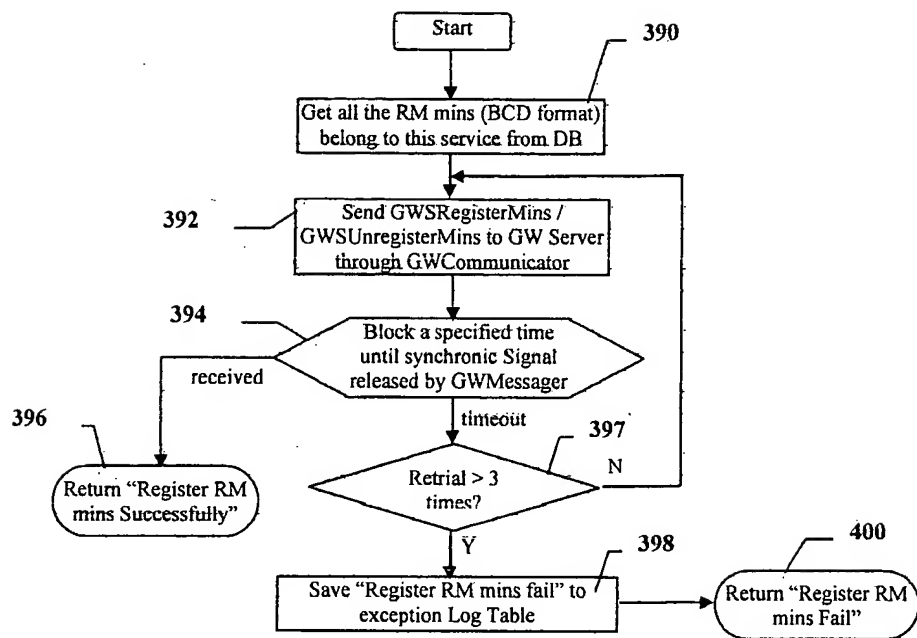


FIG. 9f

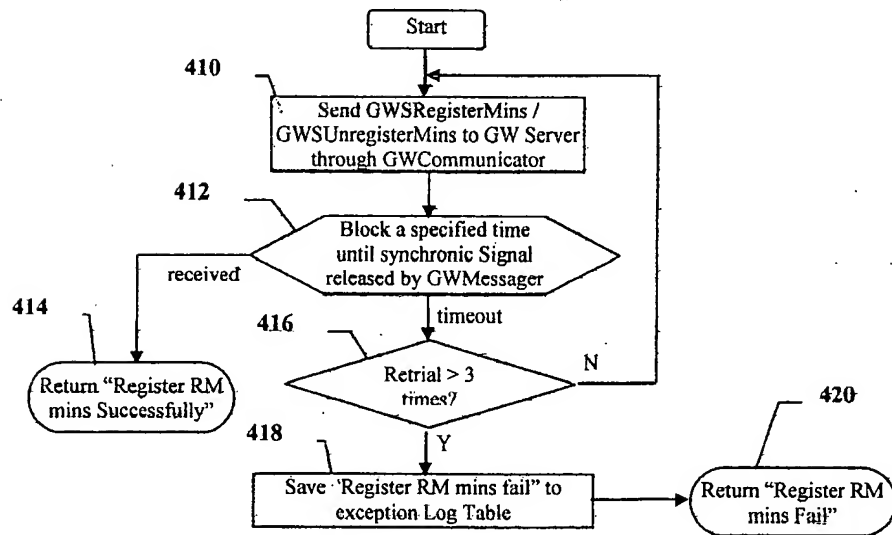


FIG. 9g